

# 2014 PORSCHE PANAMERA S HYBRID TECHNICAL INFO

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# 2014 PORSCHE PANAMERA S E-HYBRID – VEHICLE SPEC SHEET

## 1. Identification & General Information

**Model:** Panamera S E-Hybrid (970.2 facelift)  
**Model Variant:** 970.820  
**MFR Model Code:** 970130  
**Body Style:** 4-door hatchback (4-passenger)  
**Drivetrain:** Rear-wheel drive  
**EPA Class / Segment:** Large luxury car  
**Country of Manufacture:** Germany – Porsche (Leipzig plant)  
**Market Certification:** U.S. (FMVSS label present)  
**Passenger Capacity:** 4  
**Base Curb Weight:** 4,619 lb  
**Original MSRP:** \$99,000 (plus \$995 destination)

## 2. Powertrain & Hybrid System

**Engine:** 3.0L V6 24V DFI, intercooled supercharged (Gasoline Direct Injection)  
**Displacement:** 2,995 cc (3.0 L)  
**Block / Head Material:** Aluminum alloy / DOHC, 4 valves per cylinder  
**Compression Ratio:** 10.0 : 1  
**Engine Output (ICE only):** 333 hp @ 5,500 rpm / 325 lb-ft @ 3,000 rpm  
**Electric Motor:** 70 kW (95 hp) synchronous motor  
**System Combined Output:** 416 hp / 435 lb-ft  
**Fuel Type:** Gasoline (gas/electric hybrid)  
**Fuel System:** Gasoline Direct Injection (DFI)  
**Induction:** Belt-driven supercharger with twin intercoolers  
**Hybrid Traction Battery:** Lithium-ion, approx. 9–9.4 kWh gross  
**Onboard Charger:** 3.6 kW  
**Estimated EV Range:** 16 miles (EPA estimate)  
**12 V Battery:** 75 Ah maintenance-free  
**Fuel Tank Capacity:** 21.1 gal

## 3. Transmission & Driveline

**Transmission Code:** A88  
**Type:** 8-speed automatic (Tiptronic), hybrid configuration  
**Drive Type:** Rear-wheel drive  
**Axle / Final Drive Ratio:** 2.92 : 1  
**Gear Ratios:** 1st: 4.92, 2nd: 2.81, 3rd: 1.84, 4th: 1.43, 5th: 1.21, 6th: 1.00, 7th: 0.83, 8th: 0.69, Reverse: 4.03

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## 4. Chassis, Suspension & Steering

**Front Suspension:** Double wishbone

**Rear Suspension:** Multi-link

**Adaptive Suspension:** 4-corner auto-leveling air suspension with driver-selectable ride height and damping

**Anti-Roll Bars:** Front and rear anti-roll bars

**Steering Type:** Rack-and-pinion

**Steering Assist:** Electro-hydraulic, speed-sensing power assist

## 5. Brakes

**Brake Type:** Regenerative 4-wheel disc with ABS

**Front Brakes:** Vented discs, 14.2 in rotor diameter

**Rear Brakes:** Vented discs, 13.0 in rotor diameter

**ABS:** 4-wheel ABS

**Additional Features:** Brake energy recuperation, auto stop-start support, hill-hold assist, electric parking brake

## 6. Wheels & Tires

**Front Wheel Sizes:** 18 x 8, 19 x 9, or 20 x 9.5 in (depending on option)

**Rear Wheel Sizes:** 18 x 9, 19 x 10, 20 x 11, or 20 x 11.5 in

**Front Tire Sizes:** P245/50YR18, P255/45VR19, P255/45YR19, P255/40VR20, P255/40YR20

**Rear Tire Sizes:** P275/45YR18, P285/40VR19, P285/40YR19, P295/35VR20, P295/35YR20

**Wheels:** Aluminum, with wheel locks

**Tire System:** Tire mobility kit (no full-size spare)

## 7. Fuel Economy & Emissions (Estimates)

**Fuel Economy (Gas only, combined):** 25 mpg (22 city / 30 highway – est.)

**MPGe (Combined):** Approx. 50 MPGe (est.)

**Estimated CO<sub>2</sub> Emissions:** 7.3 tons/year @ 15,000 mi (est.)

## 8. Safety & Security Equipment

**Airbags:** Dual-stage front airbags; front side airbags; curtain airbags (1st and 2nd row)

**Side Impact Protection:** Side impact beams

**Seatbelts:** Outboard front lap/shoulder belts with height adjusters and pretensioners

**Child Protection:** Rear child safety locks

**Tire Monitoring:** Tire-specific low tire pressure warning

**Immobilizer / Alarm:** Engine immobilizer and perimeter alarm

## 9. Dimensions & Capacities

**Wheelbase:** 115.0 in  
**Overall Length:** 197.4 in  
**Overall Width (w/o mirrors):** 76.0 in  
**Overall Height:** 55.8 in  
**Front Track:** 65.3 in  
**Rear Track:** 65.4 in  
**Min Ground Clearance:** 5.6 in  
**Front Headroom:** 38.0 in  
**Front Legroom:** 41.9 in  
**Front Shoulder Room:** 51.9 in  
**Rear Headroom:** 38.2 in  
**Rear Legroom:** 33.3 in  
**Rear Shoulder Room:** 51.7 in  
**Cargo Volume (rear seat up):** 11.8 ft<sup>3</sup>  
**Cargo Volume (rear seat folded):** 40.1 ft<sup>3</sup>  
**GVWR:** 5,688 lb  
**GAWR Front:** 2,668 lb  
**GAWR Rear:** 3,131 lb

## 10. Interior Features

**Seating:** 4-passenger configuration, front and rear center armrests with storage  
**Interior Trim:** Piano Black / metal-look accents, leather-wrapped dashboard and door trims, full cloth headliner  
**Comfort & Convenience:** Power front seats, power windows, power locks, cruise control, HomeLink garage door transmitter, trunk/hatch auto-latch, power liftgate, power fuel flap locking, valet function  
**Climate Control:** Automatic HVAC with underseat ducts, residual heat recirculation, headliner/pillar and console ducts, air filtration  
**Storage & Power Outlets:** Illuminated locking glove box with cooled box, driver/passenger and rear door bins, front/rear cupholders, 4 x 12V DC power outlets, 2 seatback storage pockets, ashtray and front/rear cigar lighters  
**Instrumentation:** Driver information center, compass, outside temperature gauge, analog cluster, delayed accessory power  
**Lighting (Interior):** Front and rear map lights, fade-to-off interior lighting, engine compartment and cargo lights, vanity mirrors  
**Other Interior Features:** Carpet floor trim, trunk/hatch auto-latch, refrigerated/cooled glovebox compartment, perimeter alarm

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## 11. Exterior Features

**Body:** 4-door hatchback (liftback) with galvanized steel/aluminum panels

**Sunroof:** Express open/close sliding and tilting glass sunroof with sunshade

**Mirrors:** Body-colored, power-folding, heated, auto-dimming side mirrors

**Glass & Wipers:** Light tinted glass, rain-sensing wipers with heated jets, windshield sun visor strip

**Spoiler:** Power rear spoiler

**Lighting (Exterior):** LED brake lights, rear fog lamps, perimeter/approach lights, auto on/off projector high-intensity headlamps with daytime running lights, auto-leveling and cornering function, headlamp washers

**Bumpers & Trim:** Body-colored front and rear bumpers, body-colored door handles, chrome side window trim, black windshield trim

**Rear Access:** Power liftgate with rear cargo access and fixed rear window with wiper/defroster

## 12. VIN & Manufacturing Details

**VIN:** WPOAD2A74EL044881

**VIN Breakdown:**

WPO = Porsche AG (Germany)

AD2 = Panamera S E-Hybrid

A7 = body/restraint/drive config

4 = check digit

E = 2014 model year

L = Leipzig plant

044881 = sequential production number

**Manufacturer:** Dr. Ing. h.c. F. Porsche AG

**Production Date:** April 2014 (04/14)

**Vehicle Type:** Passenger car

**Regulatory:** Conforms to U.S. Federal Motor Vehicle Safety, Bumper, and Theft Prevention Standards at time of manufacture